

To: CN=John Cox/OU=ADA/O=USEPA/C=US@EPA[]
Cc: CN=Cindy Paul/OU=ADA/O=USEPA/C=US@EPA;CN=Shauna Bennett/OU=ADA/O=USEPA/C=US@EPA;CN=Sujith Kumar/OU=ADA/O=USEPA/C=US@EPA[];
N=Shauna Bennett/OU=ADA/O=USEPA/C=US@EPA;CN=Sujith Kumar/OU=ADA/O=USEPA/C=US@EPA[]; N=Sujith Kumar/OU=ADA/O=USEPA/C=US@EPA[]
Bcc: []
From: CN=Steve Vandegrift/OU=ADA/O=USEPA/C=US
Sent: Wed 7/18/2012 2:36:56 PM
Subject: Re: Pavillion ADQ Fw: Low Molecular wt acids
[6521 6522 run log with 10 samples highlighted.pdf](#)
[RSKSOP-112 with DQO highlighted.pdf](#)
<http://www.neptuneandco.com>

John-

I understand the logic used, however, the dups and spikes are still "unknowns", and should be counted as samples.

sv

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From: John Cox/ADA/USEPA/US
To: Steve Vandegrift/ADA/USEPA/US@EPA
Cc: Cindy Paul/ADA/USEPA/US@EPA, Shauna Bennett/ADA/USEPA/US@EPA, Sujith Kumar/ADA/USEPA/US@EPA
Date: 07/17/2012 07:54 AM
Subject: Re: Pavillion ADQ Fw: Low Molecular wt acids

Steve

Attached are two pdf's, one is the run log with the sample count highlighted and the second is Table 4. Summary of measurement quality objectives for six organic acids analysis by HPLC with the text describing our basis for the sample count. In short, we do not count spikes or duplicates in the 10 sample interval. Our question is should we do the CCC after 10 samples or 10 analyses? We would have no issues with doing a CCC every 10 analyses.

John S. Cox

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From: Steve Vandegrift/ADA/USEPA/US
To: Shauna Bennett/ADA/USEPA/US@EPA
Cc: John Cox/ADA/USEPA/US@EPA, Sujith Kumar/ADA/USEPA/US@EPA, Cindy Paul/ADA/USEPA/US@EPA
Date: 07/16/2012 04:57 PM
Subject: Pavillion ADQ Fw: Low Molecular wt acids

Shauna-

Please see email below.

Apparently CCCs were not run, but LCS samples were. Were these actually CCCs bu labelled as LCS?

Please provide a response tomorrow morning.

sv

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----- Forwarded by Steve Vandegrift/ADA/USEPA/US on 07/16/2012 04:53 PM -----

From: David Gratson <dgratson@neptuneinc.org>
To: Steve Vandegrift/ADA/USEPA/US@EPA
Cc: Rebecca Shircliff <rshircliff@neptuneinc.org>
Date: 07/16/2012 04:17 PM
Subject: Low Molecular wt acids

Steve,

here is the low molecular weight acids issue/question:

Low MW Organic Acids QC Frequency Not Met. The continuing calibration check (CCC) frequency was not met for sample set 6521, where a CCC was not ran every 10 samples (there was a 15 field sample gap). However, there were 2 lab control spikes ran within this gap that were within control limits

See page 4, the run log in file *OA866SF SS#6521.pdf

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David Gratson, CEAC

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"Nature holds the key to our aesthetic, intellectual, cognitive and even spiritual satisfaction." E. O. Wilson.

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